INDEX OF SUBJECTS.

PAGE

Accommodation, A Case of Paresis of, with Apparent Myopia. By A. Schapringer, of New York 45

Acou-Otoscope, The; an Instrument with which the Ear and Eye may be Employed at the same Time in Making Examinations of the Eustachian Tube and Membrana Tympani. By Thos. R. Rumbold, M.D., of St. Louis, Mo. . 307–308

Auditory Meatus, A Peculiar Form of Obstruction of the. Preliminary communication. (With Figs. 1 and 2, Tab. I.) By Dr. R. Wreden, of St. Petersburg, Russia 261–266

Auditory Nerve, A Case of Sarcoma of the Left, with Fatty Metamorphosis and Partial Destruction of the Organ of Corti. By S. Moos 483–496

Blindness, How the Movements of the Eyes may be Utilized in Diagnosticating One-sided. By H. Knapp 361–365

Carcinoma, A Case of, of the Outer Sheath of the Optic Nerve Removed with Preservation of the Eye-ball. By H. Knapp. (With Colored Plates IX and X, and Lithographic Plates XI and XII.) 323–354

Cataract, The Statistics of Operations for. By Dr. J. Hirschberg 452–459

Cochlea, Historical Note Concerning the Physiology of the. By A. Schapringer, of New York 50–51

Coefficients of Refraction, On the, of the Fluid Media of the Human Eye. By Dr. J. Hirschberg 210–222

Conjunctiva, Epithelial Cancer of the. By Dr. Jas. Chapman, of Medina, N. Y., and Dr. H. Knapp. (With Figs. 1–6, Tab. viii.) 235–240

Contributions, Clinico-ophthalmological. By Dr. Landesberg, of Elberfeld 33–40

Conjunctivitis Diphtheritica, Contributions to the Therapeutics of. By Dr. J. Hirschberg 223–226

Consonants, On Defective Perception of Certain, Combined with a Similar Defect as Regards High Musical Notes; with the Physiological Significance of the Same. By S. Moos, of Heidelberg 469–477

Contributions, Clinical, to Ophthalmology, from the Practice of Dr. C. R. Agnew, of New York. Reported by Dr. D. Webster 382–392

Deafness, On the Diagnosis of One-sided. By H. Knapp 506–510

Field of Fixation, On the Determination of the. By J. Hirschberg 372–381

Field of Vision, On the Determination of the. By J. Hirschberg 366–371

Flushing, Three Cases of Tinnitus Aurium and Deafness, Accompanied by very dis-

PAGE
tinct, of the Cutaneous Surface Adjacent to the Ear. By Charles H. Burnett, M.D., of Philadelphia, Pa 503–505
Foreign Bodies, On, in the Interior of the Eye. By Dr. B. B. Schwarzbach, of Philadelphia, Pa..... 414–422

Glaucoma, Keratitis Vesiculosa with Secondary. By T. R. Pooley, of New York 46–49
Glaucoma, Observations upon the Pathology and Treatment of. By Dr. J. Hirschberg, of Berlin 202–206
Glioma, A Case of, of the Retina, with Numerous Sub-periosteal Metastatic Tumors. By H. Knapp and Charles S. Turnbull. (With Tab. *A.*)..... 1–6
Glioma, A Case of Retinal, Distinguished Clinically by a Family Predisposition to Glioma, and Anatomically by the Obvious Origin of the Disease in the Inner Granular Layer. By J. Thompson, of Indianapolis, and H. Knapp 7–10
Glioma, Two Cases of. By H. Knapp. (With Figs. vii. and viii., Tab. viii.). 241–242
Globes, Position of the, when the Lids are Closed. By Dr. E. L. Holmes, of Chicago, Ill..... 408–409

Hyoscyamine, and its Importance in Ophthalmology. By Rosa Simonowitch, M.D., of Odessa, Russia. (With Plates II. to VII.)..... 157–201

Iridectomy, Double-sided Simple, Terminating in Sloughing of the Cornea. By H. Knapp..... 445–447
Iridectomy, On the Anatomical Changes following. By Dr. Adolphus Alt. (With Plates XIII and XIV.)..... 423–444
Iris, A Case of Rudimentary, in Both Eyes. By Swan M. Burnett, M.D., of Knoxville, Tenn..... 402
Ischæmia Retinæ, Blindness from, in Hooping-cough. By H. Knapp..... 448–451

Lenses, A Case of Congenital Symmetrical Defect of both Crystalline. By Dr. H. Bresgen, of Creuznach, Germany 227
Lens, A Small Piece of Steel penetrating through the Cornea and Pupil into the, Successfully Removed by the Extraction of the Cataractous Lens Five Months Later. By A. Barkan, M.D., of San Francisco..... 231–234
Lobule of the Ear, On Fibroma of the. By H. Knapp..... 511–517

Methods of Examination, New Investigations on the, and the Derangements of Hearing. By Dr. Oscar Wolf, of Francfort-on-the-Main..... 67–86
Methods of Examination. (Continued)..... 267–306
Myosis, A Case of, Caused by Paralysis of the Left Side of the Cervical Portions of the Sympathetic in Consequence of a Gun-shot Wound. By Geo. Reuling, M.D., of Baltimore, Md..... 228–230
Myringo-Mycosis Aspergillina, in the Years 1869–1873, according to Personal and Foreign Observations. By R. Wreden, of St. Petersburg, Russia..... 87–120
Myringo-Mycosis Aspergillina, A Case of, Illustrative of the Typical Features of that Disease Mentioned in the Foregoing Paper. By Charles H. Burnett, of Philadelphia, Pa..... 121–122

PAGE

Nerve, Some Curious Reflex Conditions following Section of the Supra-orbital. By George Strawbridge, of Philadelphia, Pa. 403–407
Neuro-Retinitis, Three Cases of, with a Symptom of Intra-cranial Aneurism. By Dr. E. L. Holmes, of Chicago. 393–398
Neuro-Retinitis, A Case of, Resulting from a Gummy Tumor of the Dura Mater. By H. Knapp. 245–249

Ophthalmometry, A Contribution to the Calculations in. By Dr. J. Hirschberg. 207–209
Ophthalmoscope, A New, with a Single Disc. By H. Knapp. 41–44
Organ of Corti, A Case of Fatty Metamorphosis of the, Due to other Causes than Sarcoma. By S. Moos. 497–502

Pearly Tumor, A Case of, (Cholesteatoma) in both Ears. By Charles J. Kipp, of Newark, N. J. 123–125
Phlebitis, Analysis of a Remarkable Case of, of the Sinuses of the Dura Mater, caused by Otitis, ending in Recovery. By R. Wreden, of St. Petersburg, Russia. 52–66

Recti, Three Cases of Tenotomy of the Superior and Inferior, with Comments. By H. Knapp. 20–32
Review, Ophthalmological. By Dr. E. Grüning, of New York 143–156, 250–258, 460–466
Review, Otological. By Dr. Clarence J. Blake, of Boston. . 126–142, 309–319, 518–528

Sarcoma of the Choroid, Two Peculiar Cases of. By E. Williams, of Cincinnati, and H. Knapp, (with Tab. *B.*). 11–19
Strabismus, A Case of Downward, from Congenital Paralysis of the Superior Rectus Muscle; Advancement of this Muscle and Tenotomy of the Inferior Rectus. By F. C. Hotz, M.D., of Chicago, Ill. 399–401
Strabismus, An Ordinary, Operation, followed by Tendinitis; Perforation of the Sclerotic; Detachment of the Retina; Recovery. By Thomas R. Pooley, M.D., of New York. 410–413

Tumor, Corneal, with Multiple Cutaneous Tumors of the Same Structure (Fibroma Lipomatodes). By Dr. J. Hirschberg, of Berlin. (With Colored Plate, Tab. A.). 355–360

Venae Jugularis Cerebralis, On a Case of Enlargement of the Bulbus, and its Relation to the Development of Hallucinations of Hearing. By S. Moos. . 478–482

INDEX OF AUTHORS.

PAGE

Agnew, C. R. and *D. Webster.* Clinical Contributions to Ophthalmology.. 382–392
Alt, Adolphus. Anatomical Changes after Iridectomy.... 423–444

Barkan, A. A Piece of Steel in the Lens extracted with the Cataract..... 231–234
Blake, C. J. Otological Review..... 126–142
——— " " 309–319
——— " " 518–528
Bresgen, H. Congenital Symmetrical Defect in Crystalline Lenses..... 227
Burnett, C. H. Myringo-Mycosis..... 121–122
——— Tinnitus Aurium and Deafness, accompanied by Flushing of Face..... 503–505
Burnett, Swan M. Rudimentary Iris..... 402

Gruening, E. Ophthalmological Review..... 143–156
——— " " 250–258
——— " " 460–466

Hirschberg, J. Glaucoma..... 202–206
——— Calculations in Ophthalmometry..... 207–209
——— Coefficients of Refraction of the Fluid Media of the Eye... 210–222
——— Conjunctivitis Diphtheritica..... 223–226
——— Corneal Tumor with Multiple Cutaneous Tumors of the same Structure..... 355–360
——— Field of Vision..... 366–371
——— Field of Fixation..... 372–381
——— Statistics of Cataract Operations..... 452 459
Holmes, E. S. Neuro-Retinitis..... 393–398
——— Position of Globes when Lids are Closed 408–409
Hotz, F. C. Downward Strabismus..... 399–401

Kipp, C. J. Pearly Tumor..... 123–125
Knapp, H. and *Chas. S. Turnbull.* Glioma of the Retina..... 1–6
——— and *J. Thompson.* Retinal Glioma..... 7–10
——— and *E. Williams.* Sarcoma of the Choroid..... 11–19
——— Tenotomy of Superior and Inferior Recti..... 20–32
——— A New Ophthalmoscope, with a Single Disk..... 41–44
——— and *E. Gruening.* Ophthalmological Review..... 143–156
——— and *Jas. Chapman.* Epithelial Cancer of the Conjunctiva..... 235–240
——— Retinal Glioma..... 241–244

PAGE

Knapp, H. Neuro-Retinitis..... 245–249
——— Carcinoma of outer Sheath of Optic Nerve 323–354
——— Diagnosis of One-sided Blindness, by the Movements of the Eyes 361–365
——— Iridectomy followed by Sloughing of Cornea..... 445–447
——— Blindness from Ischæmia Retinæ in Hooping-cough..... 448–451
——— Diagnosis of One-sided Deafness..... 506–510
——— Fibroma of the Lobule of the Ear..... 511–517

Landesberg, Dr. Clinico-Ophthalmological Contributions..... 33–40

Moos, S. Defective Perception of Consonants..... 469–477
——— Hallucinations of Hearing from Enlargement of Bulbus Ven. Jugul. Cerebr..... 478–482
——— Sarcoma of Auditory Nerve..... 483–496
——— Fatty Metamorphosis of the Organ of Corti..... 497–502

Pooley, T. R. Keratitis Vesiculosa, with Secondary Glaucoma..... 46–49
——— Strabismus Operation; Tendinitis; Perforation of Sclerotic; Recovery..... 404–413

Reuling, Geo. Myosis from Traumatic Paralysis of Sympathetic..... 228–230
Rumbold, T. F. Acou-Otoscope..... 307–308

Schapringer, A. Paresis of Accommodation 45
——— Historical Note Concerning the Physiology of the Cochlea 50–51
Schwarzbach, B. B. Foreign Bodies in the Eye.....414–422
Simonowitch, Rosa. Hyoscyamine and its Importance in Ophthalmology... 157–201
Strawbridge, Geo. Section of Supra-orbital Nerve..... 403–407

Thompson, J. and *H. Knapp.* Retinal Glioma 7–10
Turnbull, Chas. S. and *H. Knapp.* Glioma of the Retina..... 1–6

Williams, E. and *H. Knapp.* Sarcoma of the Choroid..... 11–19
Wreden, R. Phlebitis of the Sinuses of the Dura Mater, caused by Otitis.. 52–66
——— Myringo-Mycoses Aspergillina..... 87–120
——— Peculiar Obstruction of Auditory Meatus..... 261–266
Wolf, Oscar. Methods of Examination and Derangement of Hearing..... 67–86
——— " " " " 267–306